Toxicology Letters, 52 (1990) 357–359
Elsevier

AUTHOR INDEX VOL. 52 (1990)

Andersen, M.E., see Purcell, K.J., 141
Appel, K.E., Görsdorf, S., Menden, M. and Lauterbach, M., DNA damage induced by *N*-nitrosodibenzylamine and *N*-nitroso-α-acetoxy-benzyl-benzylamine in mammalian cell systems and in vivo, 269
Arai, M., see Hagiwara, A., 261
Arakawa, H., see Arito, H., 169
Arito, H., Uchiyama, I., Arakawa, H. and Yokoyama, E., Ozone-induced bradycardia and arrhythmia and their relation to sleep–wakefulness in rats, 169

Beck, O., Lafolie, P., Odelius, G. and Boreus, L.O., Immunological screening of benzodiazepines in urine: improved detection of oxazepam intake, 7
Benson, R.W., see Jones, J.M., 163
Bompart, G., Pécher, C., Prévot, D. and Girolami, J.-P., Mild renal failure induced by subchronic exposure to molybdenum: urinary kallikrein excretion as a marker of distal tubular effect, 293
Boreus, L.O., see Beck, O., 7
Brown, P.I., see Rankin, G.O., 91
Buccafusco, J.J., Heithold, D.L. and Chon, S.H., Long-term behavioral and learning abnormalities produced by the irreversible cholinesterase inhibitor soman: effect of a standard pretreatment regimen and clonidine, 319

Carlson, G.P., see Yang, C.M., 47
Cason, G.H., see Purcell, K.J., 141
Choi, B.S., see Joe, C.O., 253
Chon, S.H., see Buccafusco, J.J., 319
Claes, J., see Govaerts, P.J., 227

Darnerud, P.O. and Olsson, L., Transplacental passage and fetal kidney binding of C-dichlorovinyl cysteine (DCVC) in mice, 63
De Broe, M.E., see Govaerts, P.J., 227
De Ceaurriz, J., see Morel, G., 301
Dheranetra, W., see Keadtisuke, S., 35
DiGiovanni, J., see Kehrer, J.P., 55

Fukuto, T.R., see Keadtisuke, S., 35

Galli, C.L., see Marinovich, M., 311
Ganjam, V.K., see Kelce, W.R., 331
Gargas, M.L., see Purcell, K.J., 141
Gemba, M., see Kameyama, Y., 15
Giri, S.N., see Hollinger, M.A., 1
Girolami, J.-P., see Bompart, G., 293
Glinsukon, T., see Toskulkao, C., 179
Goldstein, R.S., see Tarloff, J.B., 101
Gong, Q.-H., see Laurell, G., 339
Gordon, C.J., see Mohler, F.S., 153
Görsdorf, S., see Appel, K.E., 269
Govaerts, P.J., Claes, J., Van De Heyning, P.H., Jorens, P.G., Marquet, J. and De Broe, M.E., Aminoglycoside-induced ototoxicity, 227

Hagiwara, A., Tamano, S., Shibata, M.-A., Arai, M. and Tsuda, H., Lack of modifying effects of *p*-phenylenediamine on induction of γ-glutamyl transpeptidase-positive foci in a medium-term bioassay system using F344 rats, 261
Haglid, K.G., see Kyrklund, T., 279
Haraguchi, K., see Kiyohara, C., 73
Heithold, D.L., see Buccafusco, J.J., 319
Hewitt, W.R., see Tarloff, J.B., 101
Hidalgo, F.J., Zamora, R. and Tappel, A.L., Damage to red blood cells by halocompounds, 191
Hines, G., see Jones, J.M., 163
Hirohata, T., see Kiyohara, C., 73
Hobara, T., see Ogino, K., 129
Hollinger, M.A., Pulmonary toxicity of inhaled and intravenous talc, 121
Hollinger, M.A. and Giri, S.N., Non-enzymatic covalent binding of radioactivity from [^{14}C]thiourea to rat lung protein, 1
Hook, J.B., see Tarloff, J.B., 101

Ikeda, M., see Kawai, T., 135
Inui, N., see Sato, S., 215
Iwamoto, S., see Ogino, K., 129

Joe, C.O., Lee, M.A., Choi, B.S. and Kang, K.W., Inhibition of DNA excision by DNA polymerase-α inhibitor in UV-damaged HeLa cells, 253
Jones, J.M., Yeralan, O., Hines, G., Maher, M., Roberts, D.W. and Benson, R.W., Effects of lithium and rubidium on immune responses of rats, 163
Jorens, P.G., see Govaerts, P.J., 227

Kamata, E., see Umemura, T., 209
Kameyama, Y., Okazaki, N., Nakagawa, M., Koshida, H., Nakamura, M. and Gemba, M., Nephrotoxicity of a new platinum compound, 254-S, evaluated with rat kidney cortical slices, 15
Kamiyama, S., see Wada, Ya., 81
Kang, K.W., see Joe, C.O., 253
Kawai, T., Yamaoka, K., Uchida, Y. and Ikeda, M., Benzene exposure in a Japanese petroleum refinery, 135
Keadtisuke, S., Dheranetra, W., Nakatsugawa, T. and Fukuto, T.R., Liver damage induced in rats by malathion impurities, 35
Kehrer, J.P., Commentary: 'Pulmonary toxicity of inhaled and intravenous talc' by M.A. Hollinger, 117
Kehrer, J.P. and DiGiovanni, J., Comparison of lung injury induced in 4 strains of mice by butylated hydroxytoluene, 55
Kelce, W.R., Raisbeck, M.F. and Ganjam, V.K., Gonadotoxic effects of 2-hexanone and 1,2-dibromo-3-chloropropane on the enzymatic activity of rat testicular 17α-hydroxylase/$C_{17,20}$-lyase, 331
Keršanc, A., see Telišman, S., 347
Kessedjian, M.J., Monro, A.M. and Stadler, J., A rapidly reversible effect of a single dose of phenoxybenzamine on the fertility of male rats, 221
Kiyohara, C., Mohri, N., Hirohata, T., Haraguchi, K., Masuda, Y. and Nagayama, J., Aryl hydrocarbon hydroxylase activity levels in the hepatic microsomal fraction from MC- or TCDD-treated mice: a comparison between aromatic hydrocarbon responsive and non-responsive strains, 73
Kjellstrand, P., see Kyrklund, T., 279
Kobayashi, H., see Ogino, K., 129
Koizumi, A., see Wada, Y., 81
Koshida, H., see Kameyama, Y., 15
Kurokawa, Y., see Umemura, T., 209
Kyrklund, T., Kjellstrand, P. and Haglid, K.G., Long-term exposure of rats to perchloroethylene, with and without a post-exposure solvent-free recovery period: effects on brain lipids, 279

Lafolie, P., see Beck, O., 7
Laurell, G., Gong, Q.-H. and Rydqvist, B., Cisplatin: effects on the stretch receptor neuron of the crayfish, 339
Lauterbach, M., see Appel, K.E., 269
Lee, M.A., see Joe, C.O., 253

Maher, M., see Jones, J.M., 163
Marinovich, M., Viviani, B. and Galli, C.L., Reversibility of tributyltin-chloride-induced protein synthesis inhibition after ATP recovery in HEL-30 cells, 311
Marquet, J., see Govaerts, P.J., 227
Masuda, Y., see Kiyohara, C., 73
Menden, M., see Appel, K.E., 269
Mohler, F.S. and Gordon, C.J., Effects of methanol on autonomic thermoregulation of rats at different ambient temperatures, 153
Mohri, N., see Kiyohara, C., 73
Monro, A.M., see Kessedjian, M.J., 221
Morel, G., Payan, J.P. and De Ceaurriz, J., Assessment of urinary rat β_2-microglobulin by enzyme immunoassay, 301

Nagayama, J., see Kiyohara, C., 73
Nakagawa, M., see Kameyama, Y., 15
Nakamura, M., see Kameyama, Y., 15
Nakatsugawa, T., see Keadtisuke, S., 35
Nallamothu, B.G., see Sutariya, B.B., 201
Nicoll, D.W., see Rankin, G.O., 91

Odelius, G., see Beck, O., 7
Ogawa, Y., see Umemura, T., 209
Ogino, K., Hobara, T., Kobayashi, H. and Iwamoto, S., Gastric mucosal injury induced by chloral hydrate, 129
Okazaki, N., see Kameyama, Y., 15
Olsson, L., see Darnerud, P.O., 63

Payan, J.P., see Morel, G., 301
Pécher, C., see Bompart, G., 293
Penney, D.G., see Sutariya, B.B., 201

Prévot, D., see Bompart, G., 293
Prpić-Majić, D., see Telišman, S., 347
Purcell, K.J., Cason, G.H., Gargas, M.L., Andersen, M.E. and Travis, C.C., In vivo metabolic interactions of benzene and toluene, 141

Raisbeck, M.F., see Kelce, W.R., 331
Rankin, G.O., Teets, V.J., Nicoll, D.W. and Brown, P.I., Effect of buthionine sulfoximine on acute *N*-(3,5-dichlorophenyl)succinimide-induced nephrotoxicity in Fischer 344 rats, 91
Roberts, D.W., see Jones, J.M., 163
Rydqvist, B., see Laurell, G., 339

Saito, M., see Umemura, T., 209
Sato, S., Takizawa, H. and Inui, N., A comparison of micronucleus induction in 3 mouse strains with representative clastogens, 215
Shibata, M.-A., see Hagiwara, A., 261
Silver, A.C., see Tarloff, J.B., 101
Srivastava, S.C., In vivo effects of di-*n*-butyltin dichloride on some enzymes and lipids of rat liver plasma membrane, 287
Stadler, J., see Kessedjian, M.J., 221
Sutariya, B.B., Penney, D.G. and Nallamothu, B.G., Hypothermia following acute carbon monoxide poisoning increases mortality, 201

Takada, K., see Umemura, T., 209
Takizawa, H., see Sato, S., 215
Tamano, S., see Hagiwara, A., 261
Tappel, A.L., see Hidalgo, F.J., 191
Tarloff, J.B., Goldstein, R.S., Silver, A.C., Hewitt, W.R. and Hook, J.B., Intrinsic susceptibility of the kidney to acetaminophen toxicity in middle-aged rats, 101
Teets, V.J., see Rankin, G.O., 91
Telišman, S., Prpić-Majić, D. and Keršanc, A., Relationships between blood lead and indicators of effect in cows environmentally exposed to lead, 347

Toskulkao, C. and Glinsukon, T., Hepatic mitochondrial function and lysosomal enzyme activity in ethanol-potentiated aflatoxin B_1 hepatotoxicity, 179
Travis, C.C., see Purcell, K.J., 141
Tsuda, H., see Hagiwara, A., 261
Tsukada, M., see Wada, Y., 81

Uchida, Y., see Kawai, T., 135
Uchiyama, I., see Arito, H., 169
Umemura, T., Takada, K., Ogawa, Y., Kamata, E., Saito, M. and Kurokawa, Y., Sex difference in inhalation toxicity of *p*-dichlorobenzene (*p*-DCB) in rats, 209

Van De Heyning, P.H., see Govaerts, P.J., 227
Viviani, B., see Marinovich, M., 311

Wada, Y., Tsukada, M., Kamiyama, S. and Koizumi, A., Evidence on clonal proliferation of hepatocytes after carbon-tetrachloride-induced hepatic injury in PGK-1 mosaic mice, 81

Yamaoka, K., see Kawai, T., 135
Yang, C.M. and Carlson, G.P., Glutathione conjugation in the isolated perfused rabbit lung: the effects of carbon monoxide, buthionine sulfoximine and cibacron blue, 47
Yeralan, O., see Jones, J.M., 163
Yokoyama, E., see Arito, H., 169

Zamora, R., see Hidalgo, F.J., 191
Zolnierowicz, S., see Zychlinski, L., 25
Zychlinski, L. and Zolnierowicz, S., Comparison of uncoupling activities of chlorophenoxy herbicides in rat liver mitochondria, 25

Toxicology Letters, 52 (1990) 361–362
Elsevier

SUBJECT INDEX VOL. 52 (1990)

Acetaminophen nephrotoxicity, 101
Acetylcholinesterase inhibitor toxicity, 319
Addicts, 121
Aflatoxin B_1, 179
Alkaline elution assay, 269
Aminoglycoside antibiotics, 227
δ-Aminolevulinic acid dehydratase, 347
Aphidicolin, 253
Arrhythmia, 169
ATP, 311
Autonomic thermoregulation, 153

Behavior, 319
Benzene, 135, 141
Benzodiazepines, 7
β-Glucuronidase, 35
Bioenergetics, 25
Biological monitoring, 347
Blood coagulation disorder, 35
Blood pressure, 201
BNF, 73
Body temperature, 153
Brain lipids, 279
Breathing zone air analysis, 135
Buthionine sulfoximine, 47, 91
Butylated hydroxytoluene, 55
β_2-Microglobulin, 301

Carbon monoxide, 47,201
Carbon tetrachloride, 81
Chloral hydrate, 129
Chronic solvent exposure, 279
Cibacron blue, 47
Cisplatin analogue, 15
Clonidine, 319
Co-exposure, 141
Covalent binding, 1

Damage to red blood cells, 191
1,2-Dibromo-3-chloropropane, 331
p-Dichlorobenzene, 209
Dichlorovinyl cysteine (DCVC), 63
Dideoxythymidine, 253
Diffusive sampling, 135

DNA excision, 253
DNA polymerase, 253
DNA single-strand breaks, 269
Dry thermal conductance, 153

Environmental lead exposure, 347
Enzyme hydrolysis, 7
Enzyme immunoassay, 301
Enzymes, 287
Epidemiology, aminoglycoside ototoxicity, 227
Epidermal cells, 311
1,2-Epoxy-(*p*-nitrophenoxy)propane, 47
Erythrocyte protoporphyrin, 347
Ethanol, 179
Euthermia, 201
Evaporative water loss, 153

Fatty acid composition, 279
Fertility, 221

GABA, 339
Gas uptake, 141
Glomerulus, 293
Glucose, 201
γ-Glutamyl transpeptidase, 261
Glutathione, 47, 91
Glutathione-*S*-transferase, 47
Gonadotoxicity, 331
Granuloma, 121

Halocompound toxicity, 191
Halogenated hydrocarbons, 91
Heart rate, 169, 201
Hematocrit, 347
Hemoglobin, 347
Hemostatic disorders in rats, 35
Hepatectomy, 81
2-Hexanone, 331
High-performance liquid chromatography, 331
Hypothermia, 201

Immune responses, 163
Immunological screening technique, 7
Infants, 121

Inhaled talc, 121
Intravenous talc, 121
In vitro toxicity, acetaminophen 101
Isolated perfused rabbit lung, 47

Kidney accumulation, 63
Kidney cortical slices, 15

LD_{50}, 191
Learning and memory, 319
Lipids, 287
Lithium, 163
Liver, 287
Liver damage, 35
Locomotor activity, 319
Lung, 1
Lung damage, 55
Lysosomal enzymes, 179

Malathion impurities, 35
Mechanoreceptor, 339
Medium-term bioassay, 261
Metabolic rate, 153
Methanol, 153
Microelectrode, 339
Micronuclei, 215
Microsomal AHH activity, 73
Middle-aged male Sprague-Dawley rats, 101
Mitochondria, 25
Mitochondrial enzymes, 179
Molybdenum, 293
Morbidity, CO poisoning, 201
Mortality rate, CO poisoning, 201
Mouse strains, 55, 215
3-MSF-TCB, 73

Nephrotoxicity, 15, 91, 101
Neurotoxicity, 279
N-Nitroso-α-acetoxybenzyl-benzylamine, 269
N-Nitrosodibenzylamine, 269

Organ distribution, *p*-dichlorobenzene, 209
Organic solvent toxicity, 279
Organotin, 287
Ototoxicity, 227
Oxazepam, 7
Oxidative stress, 191
Ozone, 169

Pathology, aminoglycoside ototoxicity, 227
Petroleum refinery, 135
PGK-1 mosaicism, 81
Pharmacodynamics, aminoglycoside, 227
Pharmacokinetics, aminoglycoside, 227
Phenoxybenzamine, 221
Phenoxy herbicides, 25
Physiologically based pharmacokinetic modeling, 141
Plasma factor deficiency, 35
Plasma membrane, 287
p-Phenylenediamine, 261
Pregnancy, 63
Proaccelerin, 35
Protective regimen, 319
Protein synthesis, 311
Prothrombin, 35
Proximal and distal enzymuria, 293
Pulmonary fibrosis, 55
Pulmonary toxicity, 121

Rat liver, 261
Renal failure, 293
Rubidium, 163

Sensorineural hearing loss, 227
Sleep, 169
Soman, 319
Stomach, 129
Succinimides, 91
S-9 AHH activity, 73

Talc, 121
Testicular steroidogenesis, 331
Thiourea, 1
Thrombin, 35
Toluene, 141
Tributyltin chloride, 311
O,S,S-Trimethyl phosphorodithioate, 35
O,S,S-Trimethyl phosphorothioate, 35
Tubular function, 301
Tumor promotion, 261

Ulcer, 129
Urinary kallikrein, 293
Urine, 7, 301

Wakefulness, 169